State of Alaska
FY2003 Governor's Operating Budget

Department of Community & Economic Development
Alaska Science and Technology Foundation
BRU/Component Budget Summary

BRU/Component: Alaska Science and Technology Foundation

(There is only one component in this BRU. To reduce duplicate information, we did not print a separate BRU section.)

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Component Mission

The mission of the Alaska Science and Technology Foundation (ASTF) is to support the development and application of science and technology.

Component Services Provided

ASTF was formed by the Governor and the Alaska State Legislature in 1988. By statute, ASTF is responsible for the development, funding, and monitoring of grant programs for basic and applied research and its commercialization. All ASTF projects must include innovative science or technology, clear research and business plans to show technical and economic feasibility, appropriate match and risk sharing, and expected significant benefit to the state. Funded projects substantially contribute to the economic development of the State's scientific and engineering capabilities.

Component Goals and Strategies

ASTF's first goal is to realize the economic and non-economic benefits of the application of innovative science and technology projects. A second goal is to build a more entrepreneurial Alaska economy by helping enhance a business environment where Alaska has the confidence, know-how, technology, and risk capital to grow an economy of sustainable wealth.

To realize these goals, ASTF has the two broad strategies. The first is to co-invest in group projects that bring together scientists, engineers, business people, and regulators when applicable, in an industry group to tackle an opportunity or individual projects involving an entrepreneur and the end user of the science or technology. Projects aim to increase Alaska's technology economy or seek to prove up the science or technology to make existing sectors of the state's economic base (seafood, mining, energy, forest products, etc.) more competitive. While the impact of previously funded projects and startups continues to increase, the decline of ASTF earnings and the inability of ASTF to access the full earnings of the endowment mean that in FY 02 no new projects will be funded unless the earnings dramatically improve enough to meet obligations and set asides.

Beyond particular projects, the second broad strategy is to partner with other market-based organizations to build up the entrepreneurial infrastructure necessary to support technology-based economic development. ASTF aims to help establish and institutionalize ongoing capability enabling Alaska entrepreneurs to have access to the risk capital (Alaska Growth Capital BIDCO, Alaska InvestNet), information workers (Information Technology Careers Consortium, Alaska High Tech Business Council), and applied technology (University of Alaska, Alaska Manufacturers' Association, and private sector firms) so that Alaska's economy becomes more sustainable. ASTF partner organizations all raised increased non-ASTF support and impact in 2001.

How projects are structured and funded often determines whether they succeed. ASTF funds early stage, longer-term projects that are generally more applied than basic research at universities but not mature enough yet to be fully supported by the private sector. ASTF seeks to apply market-based principles to the funding and management of these early stage commercial projects. ASTF activities must have some common characteristics: being based on potential sustainable market economics, pulling together competent teams to both develop and commercialize the science or technology, achieving clear benchmarks to insure Alaska benefit, involving the end user of the science or technology, and showing cost sharing demonstrating appropriate sharing of risk and reward.

Key FY03 Goals

Work with private sector to establish venture capital offices in state. (There is no active primarily venture capital organization currently in state and while no ASTF funding is anticipated for this area, this is an important capital gap for technology startups. Larger debt-equity deals are not being financed now or have to leave the state to obtain financing.)

Ensure that key industry led group projects (Alaska Manufacturers' Association, Information Technology Career Consortium, Alaska InvestNet, etc.) ramp up to meet defined market needs.

Continue to improve performance for ASTF-funded projects as measured by performance measures and project milestones.

Work with University of Alaska and Alaska engineering community to establish improved capability for cold regions engineering research and teaching at UAF and UAA. ASTF will potentially co-fund $500 K/yr. in qualified projects to meet the federal match from the National Science Foundation Experimental Program to Stimulate Competitive Research (EPSCOR) to increase quality and lower the cost of arctic construction.

Work with all the state's major mapping companies on a private-public partnership to map the state to 1-5 meter resolution. The program was announced at the October 30, 2001, meeting to show how public agencies and private organizations including landowners can produce products at a lower cost and in less time than can the defined unfunded 5-year federal-only program. The goal is to build in Alaska a web-based capability to integrate elevation, geotechnical, and land cover information for the entire state. Alaska remains the least mapped state.

Work with statewide business groups (State Chamber, Resource Development Council, High Tech Business Council and 20/20 process) on enlarging discussion of steps to grow the state's New Economy and develop a more market sustainable economy. ASTF and the business groups are committed to working with local organizations on economic development and benchmarking progress on increasing per capita income and enlarging the private sector share of the state's economic base.

Longer-Term Goals

In 2001 ASTF adopted longer-term (five-year) goals that include:

Employment in the tech sector (telco, hardware, software, engineering services, refining, testing, electrical goods) increased to 17,000 (6% of total jobs) by 2006 compared to 11,000 (4% of total jobs) in 1999.
With $3 million/year for technology and group projects, add 125 direct jobs/year.
Partners (Alaska Manufacturers' Association, Alaska Growth Capital, Alaska InvestNet, and Alaska High Tech Business Council) add 300 jobs/year.
2006 Survey of Business Leaders results indicate 75% (vs. 50% in 2000) rate the prospects for the Alaska economy in the next 3-5 years as good to excellent and over 50% (vs. 10% in 2000) rate the state as good or excellent in becoming less dependent on oil and gas industry to fund public services.
Third party inspected quality systems in place for Alaska timber (120 MMBF in 2006 vs. 80 in 2000) and salmon.
10% of state GNP is manufacturing (about 5% currently). Accomplishing this will be a stretch goal.
$50 million capital in at least two additional local risk capital funds.
25 active accredited investor members of Alaska InvestNet.
Five Alaska school districts that have model information technology (IT) programs which the following capabilities: 1) IT certifications programs available to students, and 2) District IT Career Pathways which offer certification, ready to work skill development, school-business work experience, with a total of 100 certified student IT workers in state.

These goals are broader than the ASTF specific individual mission and measures appropriately identified by the legislature.

The ASTF Board recognizes that the accomplishment of these goals requires the active participations of organizations besides ASTF and full access to the ASTF endowment earnings. The Board sought to have clear 5-year goals in accomplishing our broader mission using risk capital, technology, and know-how to build an economy of sustainable wealth. ASTF also wanted to identify goals that were specific, based on available data, meaningful, and were outcomes rather than inputs.

Key Component Issues for FY2002 – 2003

ASTF's Ability to Provide New Grants is in Jeopardy

The ASTF endowment ($101 million principal) is co-invested with the Permanent Fund and generates earnings. The earnings have been used for legislative appropriations, large grants, ASTF operations (primarily staff), partner organizations (economic development infrastructure), and technology, knowledge, and teacher grants.

In FY01, the Legislature appropriated $9 M to ASTF's budget and legislative appropriations of $2.63 million to UA and $0.555 M to AADC. But with only $5.2 million in earnings in FY01 from the ASTF endowment and paying the full $3.2 M in set asides, ASTF had access to only $2 M in new earnings to support its $9 M budget and used a net of $2 M in carryover funds. The set asides for non-ASTF purposes therefore jumped from 31% in FY00 to 62% in FY01. ASTF's ability to execute on its mission and even access the amount of earnings appropriated in the budget is dependent on ASTF having full access to its endowment earnings in FY03.

Annual earnings have declined from $14 million in FY98 to $12.7 million in FY1999 to $10.4 million in FY00 and most recently to $5.2 million in FY01. Earnings have declined primarily due to weaker stock market performance and a smaller earnings base. Over the last five years, ASTF's earnings base has eroded due to appropriations of $13.1 million for the University of Alaska (UA) and $2.7 million for Alaska Aerospace Development Corporation (AADC).

ASTF also used these historically higher earnings in FY95-00 to fund three large one time projects important for the state's technology development: $10 million for constructing the Kodiak Launch Complex, $5 million for wiring all of Alaska's K-12 public schools for the Internet, and $3 million to capitalize the Alaska Growth Capital BIDCO, the state's first risk capital institution. These 3 projects leveraged over $45 M in private, local, and federal funds to date. The combination of the weaker stock market and these large outlays were the primary factors that eroded ASTF's earnings reserve balance from $11.3 million at the end of FY1999 to $4.3 M in FY 2000 to $2.4 million at the end of FY01.

In response to the weak earnings in FY00, ASTF took the following actions: no new large projects were funded, reduced distributions 60% vs. the prior year, and reduced new grant approvals 70% vs. the prior year. ASTF has maintained a flat operations budget.

For FY02, the legislature appropriated $13,688,900 from Science & Technology Endowment Income as follows: $10,491,900 for ASTF, $2,630,000 for UA, and $566,200 for AADC. Earnings for the first quarter of FY02 (7/1/01-9/30/01) were only $761,900 (or only $3 million on an annualized basis). Because of the high likelihood that FY 02 earnings will be significantly less than the appropriations for this year, at its August and October meetings, the ASTF Board voted to:

- Fund no new projects in FY02 until earnings had recovered sufficiently to meet all existing ASTF obligations and set-asides to UA and AADC.
- Cut the operations budget 15% for FY02.
- Continue to work with existing grantees to determine when they are likely to meet their milestones and when funds critical to ongoing work should be released.
- Reduce ASTF partner organization payments by 10% this year.

The ASTF Board believes the long-term solution is to replace ASTF funding for the annual UA and AADC appropriations beginning in FY03. In addition, the UA and AADC appropriations of ASTF funding may be reduced through the FY02 supplemental.

At a time when Alaska's economy is growing more slowly than the national economy, and our faster growing technology sector is still relatively small compared to other states, this lessened ability of ASTF to provide seed capital and finance group projects with industry merits concern.

Major Component Accomplishments in 2001

Accomplishments are tracked and managed by technical and commercial benchmarks identified at the time of project approval as well as surveyed annually to aggregate legislated key performance measures.

Engineering

- ASTF grantee Alaska Manufacturing Contractors (AMC) has completed building 40 manufactured homes at its facility at Point McKenzie from its patented design. These homes can be leveled using only 3 points, have improve heating and cooling, and demonstrate a superior arctic design. The project employs 50 workers, many from villages that will receive the housing (Mountain Village, Unalakleet, Emmonak, Nome, St. Michaels, and Shaktoolik). AMC production has replaced an out-of-state manufacturer. Afognak Native Corporation purchased 51% of AMC.
- Fairbanks manufacturer Sandhill Industries uses recycled glass to make decorative tiles for homes and business and has reached positive cash flow, employs five workers, and is considering expanding.
- Anchorage Muni's Geotechnical Committee has draft microzone maps prepared by a UAF seismologist for local soil conditions from tremor data from 25 sensors around the Anchorage Bowl. The committee will now consider changes to building codes to increase safety and prevent over or under design of new structures. A major USGS grant was received that will allow continued and expanded operation of the sensors.

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Energy

- Petro Star won a $1.6 M competitive federal grant to scale up the chemical diesel desulfurization process ASTF and Petro Star both invested in three years ago. The next stage is a small pilot plant that will prove the economics of a new-patented process that will allow smaller Alaska-sized refineries to desulfurize diesel fuel to meet announced federal standards.

Environment

- Launched UAF project to determine when it is most cost effective to terminate soil remediation projects.
- Underwrote costs needed to research materials for new paperback book, Geology Guidebook of Anchorage.
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Forestry & Wood Products

- Through ASTF support of the Alaska Manufacturers' Association (AKMA), six mills are now producing approximately 60 million board feet a year dimensional lumber graded by the Western Wood Products Association representative in state. Mills continue to pay more of the costs of this program and are now adding kiln capacity. With the low value of the Canadian dollar and Gateway Forest Products in Ketchikan production on hold, the Alaska industry is increasingly challenged. Nevertheless, Alaska mill owners and Alaska service providers continue to be more coordinated and committed to higher value products.
- The Ketchikan Wood Technology Center is now operational and started a program to confirm the superior design properties of Alaska Sitka and white spruce, cedar, and hemlock. ASTF funds are leveraged 6:1 by local, federal, and private funds.

Fisheries & Aquaculture

- Developing a new product line of tropical fish food made from fresh seafood waste.
- Paralytic Shellfish Poisoning (PSP) test kit demonstrated at Palmer DEC lab and field kit testing done. 2000 new kits are now distributed and training on test kits has been held in Kodiak and Anchorage and will be held in Ketchikan.
- Second year of the Cordova Salmon quality project has been completed by fishers, processors, Surefish, and Alaska Manufacturers' Association.
- Launched a study to see if fish oil can be blended with diesel oil at UniSea electric generators in Dutch Harbor to lower fuel costs and meet regulatory requirements. Preliminary air emission testing was acceptable. Phase II to examine long-term wear and tear has commenced.
- Scientific Fisheries of Anchorage has sold units of its computer-controlled sonar-based system to increase harvesting efficiency and reduce by catch and targeting best size of identified species.
- A Kodiak firm field tested an automatic image recognition system to track and record the catch of long line fishing vessels which could potentially lower the cost and need for human observers currently required by law.

Public Health & Safety

- The state's first genotyping lab in Anchorage for the earlier detection and treatment of Alaskans with Hepatitis C has passed a quality milestone to assess treatment options. Project participants include the Alaska Native Medical Center, UAA, and representatives of Providence Hospital and Alaska Regional Hospital. They are now contacting Alaskans who may be carriers of the virus. Hepatitis C represents an enormous health risk and cost since symptoms usually do not occur until years after infection and can require expensive treatment or liver transplants if not detected early.

- Launched a group project with UAA and three rural health clinics to evaluate the effectiveness of telemedicine mental health services in Alaska.
- Launched a project designed to determine the rate of antibiotic resistance and the rate of re-infection with H. pylori in non-natives living in Anchorage. H. pylori is a major contributing factor in the incidence of stomach ulcers.

Infrastructure for Economic Development

- Alaska Growth Capital (AGC) BIDCO capitalization reports it has made loans or equity investments to 25 organizations that have created or retained 366 jobs. Originally capitalized by ASTF and Arctic Slope Regional Corporation at $6 million, AGC now has over $11 million to do pre-bankable deals. Key projects include initial financing of Wrangell Seafood plant, Adak Seafood, and smaller technology companies. ASTF and AGC co-financed a new product line for Omega Sea plant in Sitka and equipment for a garnet mine in the Interior.
- Alaska InvestNet introduces entrepreneurs to investors. Equity placements have occurred in businesses generating 40 jobs and $3 million in revenues. Alaska InvestNet held five venture breakfasts and nine forums in Fairbanks, Juneau, and Anchorage on business evaluation, SEC regulations regarding raising private equity, and business planning for startup ventures.
- ASTF and UA convened Information Technology employers and educators and agreed on technical and soft skills necessary for 15 different IT occupations in demand in the state. As a result, ASTF funded the Alaska High Tech Business Council to launch the startup of the IT Careers Consortium, employers are matching ASTF funds for program to educate and hire new IT workers, and Anchorage Muni and Mat-Su gained $2.3 M federal grant for training IT workers based on skill and job shortages documented by the group project.
- ASTF-supported Alaska Technology Transfer Assistance has helped Alaskan entrepreneurs win $2.5 million of federal Small Business Innovation Research seed grants, an all time high.

K-12 Teachers

- An estimated 3000 K-12 students statewide participated in ASTF-funded classroom projects in math, science, or technology. To date, ASTF has funded 356 grants to teachers.
- All teacher science projects are accessible on the ASTF web site at www.astf.org.
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Mining

- A Fairbanks miner is now selling processed garnet as a sand blasting product that is replacing imported material.
- A major statewide research program remains on track to develop a clearer science base for the major permitting
- issue of the impact of Total Dissolved Solid (TDS) on fish reproduction and to develop an Alaskan biological marker species to bring more certainty to the impact of proposed mining operations. This project is being done in conjunction with state agencies and the Alaska Producers Council working with researchers at UAF and UAS.
- Launched the Ester Dome project with broad stakeholder involvement to characterize the geo-hydrology of Ester Dome and other Interior Alaska dome structures.

Agriculture

- Anchorage manufacturing facility (Alaska Fresh Cut) employs 60 people and processes fresh produce (carrots, lettuce, radishes, etc.) from Matanuska Valley farmers into salad ingredients and replacing some imported ready to eat salads.
- Demonstrated that Alaska potatoes have the chipability characteristics necessary to attract a potato chip manufacturing plant.
- UAF has licensed to distributor improved Muskox feed mixture for increased qiviut production. Research continues on feed supplements to increase calf survival.

Other

- Co-sponsored the Sixth Natural Gas Conversion Symposium that brought 300 scientists, engineers, and managers to Alaska in June to discuss the latest technical developments in gas-to-liquids and related technologies.
- Over 5000 Alaskans attended the very popular UAA/UAF Science and Society Lecture Series last winter in Fairbanks and Anchorage. The series will expand to Juneau this winter.

Science & Engineering Infrastructure

- Funded the educational/internet component of Alaskan students on the repeat of the 1899 Harriman Sailing Expedition. A national PBS documentary is expected next year.
- Supported a multi-vendor project to demonstrate how different derived products are possible from a public/private statewide mapping partnership initiative.

Software Development

Funded Anchorage entrepreneurs developing human resources software and services. Sales have commenced.
- Supported a start-up company to produce mapping software that assists in obtaining stakeholder project input via
- the Internet.

Administration

- Revised Alaska Science and Technology Innovation Index released (www.astf.org) which benchmarks Alaska's performance over time in building a technology-based economy and benchmarks Alaska's key inputs to economic development against other states and the nation.
- Agreed on common 5 page business non-proprietary plan format for business plans at InvestNet and business plan competitions and longer proprietary business plan format necessary for ASTF, AGC, or investor financing.
- Met internal benchmarks for timely response for preproposals, proposals, and grant agreements.
- Updated documentation of repayment obligations and status for all ASTF projects to date.
- Updated Guide to Business and Technical Assistance so any Alaskans can characterize the type of assistance sought and business they are and be led to the right contact information and program. See www.astf.org. This project came out of a Governor's Small Business Program Evaluation Task Force recommendation.

Statutory and Regulatory Authority

AS37.17.010-17.040
AS37.17.200
AS37.17.440
AS10.10.010
Executive Order No. 90

Key Performance Measures for FY2003

Measure:
The number of new jobs from technology projects.
Sec 32(b)(1) Ch 90 SLA 2001(HB 250)

Alaska's Target & Progress:
In September 2001, ASTF surveyed 47 technology project grantees and received responses from 46 grantees. The surveys were sent to grantees that had completed their grant work within the last five years as well as active grantees that are farther along with their project or product development.

Thirty grantees reported a total of 211 full time equivalent jobs resulting from their ASTF project.

Target: an average of five jobs per grantee for those grantees reporting jobs and at least 50% of technology project grantees reporting jobs. This ratio reflects that grantees have both technical and business hurdles to achieve. ASTF co-invests in early stage business concepts prior to the concept becoming 'bankable'.

Benchmark Comparisons:
Annually, ASTF prepares an Alaska science and technology innovation index which can be downloaded from ASTF's website at:

http://www.astf.org/admin/files/data/docs/TechIndex2001.pdf.

This index includes historical trends and comparisons with selected other states and the U.S. average. The index represents a snapshot in understanding areas where Alaska is either doing well, average, or poorly in terms of its economy and science and technology innovation and potential.

Background and Strategies:
ASTF co-invests in new and existing firms that use science or technological innovation to grow their business and achieve Alaska economic benefit. To achieve new job/revenue creation, ASTF co-invests in firms that have strong business plans, management capability, and plans for post-ASTF grant funding if required.

Measure:
Project diversity.
Sec 32(b)(2) Ch 90 SLA 2001(HB 250)

Alaska's Target & Progress:
In FY01, ASTF provided funding to 134 grantees in thirteen categories. 63 of these grantees were direct grant to teachers.

Target: funding in at least seven categories.

Benchmark Comparisons:
Not applicable.

Background and Strategies:
ASTF accepts and considers all proposals for projects that conform to its stated standards. ASTF reserves the right to fund proposals in any area of inquiry. ASTF has five types of grants available: technology projects, knowledge projects, group projects, small business innovation research bridging grants, and direct grants to teachers. For convenience, ASTF reports its funded projects in the following fourteen categories: agriculture, energy, engineering, environment, forestry and wood products, fisheries and aquaculture, public health and safety, infrastructure for economic development, internet, K-12 teachers, mining, other, science and engineering infrastructure, and software development. In FY01, the only category not receiving funds was other.

Measure:
The new revenue from technology projects.
Sec 32(b)(3) Ch 90 SLA 2001(HB 250)

Alaska's Target & Progress:
Twenty-eight grantees reported $21.2 million in new revenue resulting from their ASTF project.

Target: an average of $250,000 per grantee for those grantees reporting revenues and at least 40% of the technology project grantees reporting jobs. This percentage (40%) is less than the suggested 50% percentage of grantees reporting jobs because developments jobs are required prior to the onset of sales.

Benchmark Comparisons:
Not applicable.

Background and Strategies:
ASTF co-invests in new and existing firms that use science or technological innovation to grow their business and achieve Alaska economic benefit. To achieve new job/revenue creation, ASTF co-invests in firms that have strong business plans, management capability, and plans for post-ASTF grant funding if required.

Measure:
The percentage of technology project grantees in business because of ASTF grants.
Sec 32(b)(4) Ch 90 SLA 2001(HB 250)

Alaska's Target & Progress:
67% (31 out of 46) reported being in business because of their ASTF grant.

Target: 50% in business because of their ASTF grant.

Benchmark Comparisons:
Not applicable.

Background and Strategies:

ASTF co-invests in new business concepts in a portfolio of both new and existing firms. Most Alaskan firms cannot afford R&D projects or risk. New firms offer exciting growth possibilities. Existing firms seeking to add a new business line offer business experience and infrastructure, managerial and financial depth, and support services.

Measure:
The change in student achievement in math and science in schools that received ASTF teacher grants.
Sec 32(b)(5) Ch 90 SLA 2001(HB 250)

Alaska's Target & Progress:
ASTF surveyed 29 FY00 teacher grantees and received responses from 20, a 69% response rate. An average of 205 students participated in each teacher grant. Approximately 43% of participating students were located in rural schools.

35% greatly increased, 46% increased, 19% no change, 0% decreased, 0% greatly decreased. A total of 81% either increased or greatly increased their achievement due to the ASTF teacher grant.

Target: at least 80% increased or greatly increased.

Benchmark Comparisons:
Not applicable.

Background and Strategies:
ASTF develops Alaska's capacity for science and engineering by funding competitive science, math and technology classroom projects for Alaska K-12 students. These projects have been highly successful in developing students' interest and achievement in math, science and technology. Due to ASTF's current fiscal restraints, a downsized K-12 program of twenty regular teacher grants and four specialized grants targeting critically understaffed career fields is planned for FY02.

Measure:
The increase in student interest in math and science in schools that received ASTF teacher grants.
Sec 32(b)(6) Ch 90 SLA 2001(HB 250)

Alaska's Target & Progress:
38% greatly increased, 47% increased, 15% no change, 0% decreased, and 0% greatly decreased. A total of 85% either increased or greatly increased their interest due to an ASTF teacher grant.

Target: at least 80% increased or greatly increased.

Benchmark Comparisons:
Not applicable.

Background and Strategies:
ASTF develops Alaska's capacity for science and engineering by funding competitive science, math and technology classroom projects for Alaska K-12 students. These projects have been highly successful in developing students' interest and achievement in math, science and technology. Due to ASTF's current fiscal restraints, a downsized K-12 program of twenty regular teacher grants and four specialized grants targeting critically understaffed career fields is planned for FY02.

Alaska Science and Technology Foundation

Component Financial Summary

All dollars in thousands

	FY2001 Actuals	FY2002 Authorized	FY2003 Governor
Non-Formula Program:			
Component Expenditures:			
71000 Personal Services	669.3	653.9	682.4
72000 Travel	39.1	84.0	84.0
73000 Contractual	420.7	523.3	521.5
74000 Supplies	17.0	16.5	16.5
75000 Equipment	13.9	0.0	0.0
76000 Land/Buildings	0.0	0.0	0.0
77000 Grants, Claims	4,200.2	9,214.2	9,214.2
78000 Miscellaneous	0.0	0.0	0.0
Expenditure Totals	**5,360.2**	**10,491.9**	**10,518.6**
Funding Sources:			
1025 Science & Technology Endowment Income	5,360.2	10,491.9	10,518.6
Funding Totals	**5,360.2**	**10,491.9**	**10,518.6**

Estimated Revenue Collections

Description	Master Revenue Account	FY2001 Actuals	FY2002 Authorized	FY2002 Cash Estimate	FY2003 Governor	FY2004 Forecast
Unrestricted Revenues						
None.		0.0	0.0	0.0	0.0	0.0
Unrestricted Total		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Restricted Revenues						
Science/Technology Endowment Income	51375	5,360.2	10,491.9	10,491.9	10,518.6	10,518.6
Restricted Total		**5,360.2**	**10,491.9**	**10,491.9**	**10,518.6**	**10,518.6**
Total Estimated Revenues		**5,360.2**	**10,491.9**	**10,491.9**	**10,518.6**	**10,518.6**

Alaska Science and Technology Foundation

Proposed Changes in Levels of Service for FY2003

None.

Summary of Component Budget Changes

From FY2002 Authorized to FY2003 Governor

All dollars in thousands

	General Funds	Federal Funds	Other Funds	Total Funds
FY2002 Authorized	**0.0**	**0.0**	**10,491.9**	**10,491.9**
Adjustments which will continue current level of service:				
-Year 3 Labor Costs - Net Change from FY2002	0.0	0.0	26.7	26.7
FY2003 Governor	**0.0**	**0.0**	**10,518.6**	**10,518.6**

Alaska Science and Technology Foundation

Personal Services Information

Authorized Positions	FY2002 Authorized	FY2003 Governor	Personal Services Costs	
Full-time	6	6	Annual Salaries	528,804
Part-time	1	1	COLA	18,818
Nonpermanent	0	0	Premium Pay	4,800
			Annual Benefits	151,034
			Less 2.99% Vacancy Factor	(21,056)
			Lump Sum Premium Pay	0
Totals	**7**	**7**	**Total Personal Services**	**682,400**

Position Classification Summary

Job Class Title	Anchorage	Fairbanks	Juneau	Others	Total
Admin Assistant	1	0	0	0	1
Executive Director, ASTF	1	0	0	0	1
Grants Administrator	1	0	0	0	1
Group Projects Administrator	1	0	0	0	1
Office Manager	1	0	0	0	1
Outreach Administrator	0	1	0	0	1
Technology Administrator, ASTF	1	0	0	0	1
Totals	**6**	**1**	**0**	**0**	**7**